ATTY. DKT. NO. 5659-06500/T1819

APPLICANT: de Rouffignac, et al.

SERIAL NO. 09/841,493

GROUP: 3673

FILING DATE: April 24, 2001

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EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
01	Al	760,304	05/1904	Butler	-	-	
)	A2	1,342,741	06/1920	Day			
	A3	1,510,655	10/1924	Clark		1	
	A4	1,666,488	02/1927, 4/	Crawshaw \			
	A5	1,913,395	11/1070	6/1933 Karrick			
1	A6	2,423,674	07/1947	Agren 3	8		
	A7	2,444,755	07/1948	Steffen		1	
	A8	2,466,945	-02/1946- 4//	1946 Greene		/	
	A9	2,472,445	06/1949	Sprong			
	A10	2,484,063	10/1949	Ackley			
	A11	2,497,868	02/1950	Dalin			
	A12	2,548,360	04/1951	Germain			
	A13	2,593,477	04/1952	Newman et al.			
	A14	2,595,979	05/1952	Pevere et al.			
	A15	2,630,306	01/1952	Evans			
	A16	2,634,961	04/1953	Ljungstrom			
	A17	2,642,943	06/1953	Smith et al.			1,
	A18	2,670,802	03/1954	Ackley			
	A19	2,695,163	11/1954	Pearce et al.			
	A20	2,732,195	01-24-56	Ljungstrom			
	A21	2,734,579	02-14-56	Elkins			
	A22	2,780,449	02-05-57	Fisher et al.			
	A23	2,777,679	01/1957	Ljungstrom			
	A24	2,780,450	02/1957	Ljungstrom			
	A25	2,786,660	03/1957	Alleman			
	A26	2,789,805	04/1957	Ljungstrom			
	A27	2,804,149	08/1957	Kile		,	
	A28	2,841,375	07/1958	Salomonsson			
1	A29	2,902,270	09/1959	Salomonsson et al.			
9	A/30	2,906,337	09/1959	Henning			

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ATTY. DKT. NO. 5659-06500/TH1990

APPLICANT: de Rouffignac, et al.

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61	A31	2,914,309	11/1959	Salomonsson		-7	
,	A32	2,923,535	02/1960	Ljungstrom			
	A33	2,939,689	06/1960	Ljungstrom			
	A34	2,954,826	10/1960	Sievers			
	A35	2,974,937	03/1961	Kiel			
	A36	2,994,376	08/1961	Crawford et al.			
	A37	2,998,457	08/1961	Paulsen			
	A38	3,004,603	10/1961	Rogers et al.		/	
	A39	3,007,521	11/1961	Trantham et al.		1	
	A40	3,095,031	06/1963	Eurenius et al.			
	A41	3,105,545	10/1963	Prats et al.			
	A42	3,106,244	10/1963	Parker			
	A43	3,110,345	11/1963	Reed et al.			
	A44	3,113,623	12/1963	Krueger			
	A45	3,114,417	12/1963	McCarthy			
	A46	3,131,763	05/1964	Kunetka et al.			
	A47	3,139,928	07/1964	Broussard			
	A48	3,142,336	07/1964	Doscher			
	A49	3,149,672	9 10/1964	Orkiszewski et al.			
	A50	3,163,745	12/1964	Boston			
	A51	3,164,207	01/1965	Thessen et al.			
	A52	3,182,721	05/1965	Hardy			
	A53	3,183,675	05/1965	Schroeder			
	A54	3,191,679	06/1965	Miller			
	A55	3,205,946	9 10/1965	Prats et al.			
	A56	3,207,220	7 10 /1965	Williams			
	A57	3,208,531	9 10/1965	Tamplen			
2	A58	3,209,825	10/1965	Alexander et al.			

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APPLICANT: de Rouffignac, et al.

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/	A60	3,237,689				/ -				
	A61	3,241,611	03/1966	Dougan						
- 	A62	3,250,327	05/1966	Crider		 				
	A63	3,267,680	08/1966	Schlumberger		/				
	A64	3,284,281	11/1966	Thomas		 /				
	A65	3,338,306	08/1967	Cook		/				
	A66	3,528,501	09/1970	Parker .			***************************************			
<u> </u>	A67	3,595,082	07/1971	Miller et al.	/					
	A68	3,973,628	08/1976	Colgate	-					
		3,992,148	11/1975	Child						
	A69	3,993,132	11/1977	Garrett	11-					
	A70	4,016,239	04/1977	Fenton	1_1_					
	A71	4,076,761	02/1978	Chang et al.						
	A72	4,089,372	05/1978	Terry						
	A73	4,093,026	06/1978	Ridley						
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	A75	4,130,575	12/1978	Jorn et al.						
	A76	4,133,825	01/1979	Stroud et al.						
	A77	4,138,442	02/1979	Chang et al.						
	A78	4,186,801	02/1980	Madgavkar et al.						
	A79	4,250,230	02/1981	Terry						
	A80	4,250,962	02/1981	Madgavkar et al.						
	A81	4,273,188	06/1981	Vogel et al.						
	A82	4,274,487	06/1981	Hollingsworth et al.	11					
	A83	4,299,086	11/1981	Madgavkar et al.	1/					
	A84	4,299,285	11/1981	Tsai et al.	1					
	A85	4,359,687	11/1982	Vinegar et al.						
	A86	4,363,361	12/1982	Madgavkar et al.						
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EXAMINER:

DATE CONSIDERED:



ATTY. DKT. NO. 5659-06500/TH1990

APPLICANT: de Rouffignac, et al.

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SERIAL NO. 09/841,493

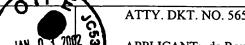
FILING DATE: April 24, 2001

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67	A89	4,381,641	05/1983	Madgavkar et al.							
1	A90	4,398,151	08/1983	Vinegar et al.							
	A91	4,407,973	10/1983	van Dijk et al.							
	A92	4,409,090	10/1983	Hanson et al.							
	A93	4,444,258	04/1984	Kalmar							
	A94	4,501,445	02/1985	Gregoli							
	A95	4,530,401	07/1985	Hartman et al.							
	A96	4,540,882	10/1985	Vinegar et al.							
	A97	4,542,648	10/1985	Vinegar et al.							
	A98	4,570,715	02/1986	Van Meurs et al.							
	A99	4,571,491	02/1986	Vinegar et al.		V					
	A100	4,572,299	02/1986	Vanegmond et al.							
	A101	4,583,046	04/1986	Vinegar et al.							
	A102	4,583,242	04/1986	Vinegar et al.							
	A103	4,594,468	06/1986	Minderhoud							
	A104	4,597,441	07/1986	Ware et al.							
	A105	4,605,680	08/1986	Beuther et al.	1 7						
	A106	4,613,754	09/1986	Vinegar et al.							
	A107	4,616,705	10/1986	Stegemeier et al.	77						
	A108	4,635,197	01/1987	Vinegar et al.							
	A109	4,640,352	02/1987	Vanmeurs et al.							
	A110	4,644,283	02/1987	Vinegar et al.							
	A111	4,658,215	04/1987	Vinegar et al.							
	A112	4,663,711	05/1987	Vinegar et al.							
	A113	4,671,102	06/1987	Vinegar et al.							
	A114	4,716,960	01/1988	Eastlund et al.							
	A115	4,719,423	01/1988	Vinegar et al.							
	A116	4,728,892	03/1988	Vinegar et al.							
	A117	4,730,162	03/1988	Vinegar et al.							
<u>a</u>	A118	4,743,854	05/1988	Vinegar et al.							

EXAMINER:

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8	A119	4,762,425	08/1988	Shakkottai et al.	•		
	A120	4,769,602	09/1988	Vinegar et al.			
	A121	4,769,606	09/1988	Vinegar et al.			
	A122	4,793,656	12/1988	Siddoway et al.			
	A123	4,827,761	05/1989	Vinegar et al.			
	A124	4,848,924	07/1989	Nuspl et al.			
	A125	4,856,341	08/1989	Vinegar et al.		1	
	A126	4,860,544	08/1989	Krieg et al.		7	
	A127	4,866,983	09/1989	Vinegar et al.		Y	
	A128	4,884,455	12/1989	Vinegar et al.	1		
	A129	4,886,118	12/1989	Van Meurs et al.			
	A130	4,927,857	05/1990	McShea III et al.			
	A131	4,974,425	12/1990	Krieg et al.			
	A132	4,983,319	01/1991	Gregoli et al.			
	A133	4,984,594	01/1991	Vinegar et al.			
	A134	4,987,368	01/1991	Vinegar			
	A135	4,994,093	02/1991	Wetzel et al.			
	A136	5,014,788	05/1991	Puri et al.			
	A137	5,046,559	10/1991	Glandt			
	A138	5,050,386	09/1991	Krieg et al.		_	
	A139	5,060,287	10/1991	Van Egmond			
	A140	5,060,726	10/1991	Glandt et al.			
	A141	5,065,818	11/1991	Van Egmond			
	A142	5,168,927	12/1992	Stegemeier et al.			
	A143	5,189,283	02/1993	Carl, Jr. et al.			
	A144	5,190,405	03/1993	Vinegar et al.	1		
	A145	5,207,273	05/1993	Cates et al.			
1	A146	5,211,230	05/1993	Ostapovich et al.			
	A147	5,226,961	07/1993	Nahm et al.			
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DATE CONSIDERED:

ATTY. DKT. NO. 5659-06500/TH-090

APPLICANT: de Rouffignac, et al.

GROUP: 3673

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EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE				
B	A149	5,236,039	08/1993	Edelstein et al.		7					
	A150	5,255,742	10/1993	Mikus							
	A151	5,297,626	03/1994	Vinegar et al.							
	A152	5,306,640	04/1994	Vinegar et al.							
	A153	5,318,116	06/1194	Vinegar et al.							
	A154	5,339,897	08/1994	Leaute							
	A155	5,340,467	08/1994	Gregoli et al.							
	A156	5,349,859	09/1994	Kleppe							
	A157	5,388,640	02/1995	Puri et al.		<u> </u>					
	A158	5,388,641	02/1995	Yee et al.		/					
	A159	5,388,642	02/1995	Puri et al.	,		·				
	A160	5,388,643	02/1995	Yee et al.							
	A161	5,388,645	02/1995	Puri et al.							
	A162	5,391,291	02/1995	Winquist et al.							
	A163	5,392,854	02/1995	Vinegar et al.							
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	A165	5,409,071	04/1995	Wellington et al.							
	A166	5,411,089	05/1995	Vinegar et al.							
	A167	5,415,231	05/1995	Northrop et al.							
	A168	5,431,224	07/1995	Laali							
	A169	5,433,271	07/1995	Vinegar et al.							
	A170	5,437,506	08/1995	Gray							
	A171	5,439,054	08/1995	Chaback et al.							
	A172	5,454,666	10/1995	Chaback et al.							
	A173	5,497,087	03/1996	Vinegar et al.							
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	A175	5,525,322	06/1996	Willms							
	A176	5,553,189	09/1996	Stegemeier et al.							
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ATTY. DKT. NO. 5659-06500/T14090 APPLICANT: de Rouffignac, et al.

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SERIAL NO. 09/841,493

FILING DATE: April 24, 2001

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07	A179	5,624,188	04/1997	West			
	A180	5,656,239	08/1997	Stegemeier et al.			
	A181	5,676,212	10/1997	Kuckes			
	A182	5,862,858	01/1999	Wellington et al.			
	A183	5,899,269	05/1999	Wellington et al.			
	A184	5,968,349	10/1999	Duyvesteyn et al.		$\perp I$	
	A185	5,984,010	11/1999	Elias et al.		1	
	A186	5,985,138	11/1999	Humphreys			
	A187	5,997,214	12/1999	de Rouffignac et al.			
	A188	6,016,867	01/2000	Gregoli et al.		1	
	A189	6,016,868	01/2000	Gregoli et al.		1	
	A190	6,019,172	02/2000	Wellington et al.			
	A191	6,023,554	02/2000	Vinegar et al.			
	A192	6,056,057	05/2000	Vinegar et al.			
	A193	6,079,499	06/2000	Mikus et al.			
	A194	6,085,512	07/2000	Agee et al.			
	A195	6,094,048	07/2000	Vinegar et al.			
	A196	6,102,122	08/2000	de Rouffignac			·
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	A199	6,172,124	01/2001	Wolflick et al.			
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	A202	Re. 30,738	09/1981	Bridges et al.			
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	A204	121,737	03/1948	Sweden	-		
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APPLICANT: de Rouffignac, et al.

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01	A206	123,137	11/1948	Sweden	-	CEASO	ON TESTING		
-	A207	123,138	11/1948	Sweden					
+-	A208	126,674	11/1949	Sweden		 	 -		
	A209	1,196,594	11/1985	CA					
-	A210	1,253,555	05/1989	CA		1 / -			
	A211	1,288,043	08/1991	CA		 			
	A212	156,396	01/1921	GB		1/-			
	A213	674,082	06/1952	GB					
	A214	697,189	09/1953	GB					
	A215	1,454,324	11/1976	GB	·	 			
	A216	1,501,310	02/1978	GB		1			
	A217	2,086,416	05/1982	GB		†			
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	A219	0570228 B1	09/1996	EP					
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	A222	95/12746	05/1995	WO					
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1	A224	95/12742	05/1995	WO					
	A225	95/12743	05/1995	WO					
	A226	95/12744	05/1995	WO					
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DATE CONSIDERED:

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ATTY. DKT. NO. 5659-06500/TP-290

APPLICANT: de Rouffignac, et al.

SERIAL NO. 09/841,493

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,6y	A233	The Potential For In Situ Retorting of Oil Shale In the Piceance Creek Basin of Northwestern Colorado; Dougan et al Quarterly of the Colorado School of Mines, pp. 57-72.
1 1	A234	Retoring Oil Shale Underground-Problems & Possibilities; B.F. Grant, Qtly of Colorado School of Mines, pp 39-46.
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Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement

(Use several sheets if necessary)

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ATTY. DKT. NO. 5659-06500/TH1990

APPLICANT: de Rouffignac, et al.

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GROUP: 3673

FILING DATE: April 24, 2001

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		BADEMIN	U.S. PATENT	DOCUMENTS			
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
07	Cl	1,269,747	6/1918	Rogers	-	7	
	C2	1,457,479	6/1923	Wolcott		$\int \int \int \int dx$	PECEIVE
	C3	1,634,236	6/1927	Ranney			MAY 0 6 2002
	C4	2,630,307	3/1953	Martin		1 G	ROUDA
	C5	2,685,930	8/1954	Albaugh			ROUP 360
	C6	2,703,621	3/1955	Ford		\prod	
	C7	2,771,954	11/1956	Jenks et al.			
	C8	2,793,696	5/1957 ·	Morse			
	C9	2,890,754	6/1959	Hoffstrom et al.			
	C10	2,890,755	6/1959	Eurenius et al.			
	Cll	2,906,340	9/1959	Herzog		1	
	C12	2,932,352	4/1960	Stegemeier			
	C13	2,958,519	11/1960	Нигley			
	C14	3,010,513	11/1961	Gerner			
	C15	3,010,516	11/1961	Schleicher			
	C16	3,036,632	5/1962	Koch et al.			
	C17	3,044,545	7/1962	Tooke			
	C18	3,061,009	10/1962	Shirley			
	C19	3,062,282	11/1962	Schleicher			
	C20	3,084,919	4/1963	Slater		·	
	C21	3,113,619	12/1963	Reichle			
	C22	3,116,792	1/1964	Purre			
	C23	3,120,264	2/1964	Barron			
	C24	3,127,935	4/1964	Poettmann et al			
	C25	3,127,936	4/1964	Eurenius			
	C26	3,132,692	5/1964	Marx et al.			
	C27	3,205,944	9/1965	Walton			
	C28	3,233,668	2/1966	Hamilton et al.			
	C29	3,273,640	9/1966	Huntington			
9	C30	3,275,076	9/1966	Sharp			

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ATTY. DKT. NO. 5659-06500/TH1990

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APPLICANT: de Rouffignac, et al.

GROUP: 3673

SERIAL NO. 09/841,493

FILING DATE: April 24, 2001

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- On	C31	3,294,167	12/1966	Vogel	~	CLASS	ECENTER
	C32	3,352,355	11/1967	Putman			MAY 0 6 2000
	C33	3,379,248	4/1968	Strange		IGA	2002
	C34	3,605,890	9/1971	Holm			UUP 360(
	C35	3,617,471	11/1971	Schlinger et al.			
	C36	3,661,423	5/1972	Garrett			
	C37	3,770,398	11/1973	Abraham et al.			
	C38	3,882,941	5/1975	Pelofsky	1		
	C39	3,948,319	4/1976	Pritchett			
	C40	3,954,140	5/1976	Hendrick	1		
	C41	3,986,349	10/1976	Egan			
	C42	3,999,607	12/1976	Pennington et al.			
	C43	4,008,762	2/1977	Fisher et al.			
	C44	4,019,575	4/1977	Pisio et al.			
	C45	4,026,357	5/1977	Redford			
	C46	4,049,053	9/1977	Fisher et al.			
	C47	4,057,293	11/1977	Garrett			
	C48	4,067,390	1/1978	Camacho et al.			
	C49	4,069,868	1/1978	Теггу			
	C50	4,084,637	4/1978	Todd			
	C51	4,114,688	9/1978	Terry	Ш		
	C52	4,144,935	3/1979	Bridges et al.			
	C53	4,183,405	1/1980	Magnie			
	C54	4,228,854	10/1980	Sacuta			
	C55	4,243,101	1/1981	Grupping			
	C56	4,277,416	7/1981	Grant			
	C57	4,306,621	12/1981	Boyd et al.			
	C58	4,324,292	4/1982	Jacobs et al.	_ \		
0	C59	4,344,483	8/1982	Fisher et al.			

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APPLICANT: de Rouffignac, et al.

FILING DATE: April 24, 2001
U.S. PATENT DOCUMENTS

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. 0/	C60	4,353,418	10/1982	Hoekstra et al.	٥		
	C61	4,384,613	5/1983	Owen et al.		R	SCENE
	C62	4,396,062	8/1983	Iskander		1 / 1/	NAV OF
	C63	4,397,732	8/1983	Hoover et al.		GA	MAY 0 6 2002
	C64	4,444,255	4/1984	Geoffrey et al.			DUP 3600
	C65	4,448,251	5/1984	Stine			3600
	C66	4,448,252	5/1984	Stoddard et al.			
	C67	4,457,365	7/1984	Kasevich et al.			
	C68	4,476,927	10/1984	Riggs			
	C69	4,485,869	12/1984	Sresty et al.			
	C70	4,524,826	6/1985	Savage	,		
	C71	4,549,396	10/1985	Garwood et al.			
	C72	4,573,530	3/1986	Audeh et al.			
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	C74	4,592,423	6/1986	Savage et al.			
	C75	4,608,818	9/1986	Goebel et al.			
	C76	4,637,464	1/1987	Forgac et al.			
	C77	4,651,825	3/1987	Wilson			
	C78	4,662,438	5/1987	Taflove et al.			
	C79	4,662,439	5/1987	Puri			
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	C81	4,691,771	9/1987	Ware et al.			
	C82	4,704,514	11/1987	Van Edmond et al.			
	C83	4,772,634	9/1988	Farooque			
	C84	4,787,452	11/1988	Jennings, Jr.			
	C85	4,817,711	4/1989	Jeambey			
	C86	4,818,370	4/1989	Gregoli et al.			
	C87	4,928,765	5/1990	Nielson			
	C88	5,064,006	11/1991	Waters et al.			
1	(89	5,082,054	1/1992	Kiamanesh			

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Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement



ATTY. DKT. NO. 5659-06500/TH1990

APPLICANT: de Rouffignac, et al.

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00	C90	5,082,055	1/1992	Hemsath		T		
	C91	5,217,076	6/1993	Masek			MECEN	
	C92	5,261,490	11/1993	Ebinuma			MAY 0.6.2	
	C93	5,285,846	2/1994	Mohn				סטצ
	C94	5,289,882	3/1994	Moore			ROUPS	360
	C95	5,411,104	5/1995	Stanley		<u> </u>		
	C96	5,632,336	5/1997	Notz et al.				
	C97	5,713,415	2/1998	Bridges				
	C98	6,328,104	12/2001	Graue				
	DI	3,149,670	9/1964	Grant				
	D2	3,380,913	4/1968	Henderson				
	D3	3,794,116	2/1974	Higgins				
	D4	4,197,911	4/1980	Anada			,	
	D5	4,412,124	10/1983	Kobayashi				
	D8	3,316,962	5/1967	Lange				
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EXAM INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLA		UB TRANSL.	
	C99	2,015,460	10/1991	CA	10,		7	
	C100	940558 A1	9/1999	EP				
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	C103	Appalachian Coals: Potential F Enhancing CBM Production; C	C.W. Byer, et al., P	Proceedings of the Internat	tional Coalbe	d Methan	e Symposium.	
		The Pros and Cons of Carbon I Sequestration Technologies; C						ton,
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	C107	Conversion characteristics of selected Canadian coals based on hydrogenation and pyrolysis experiments, W. Kalkreuth, C. Roy, and M. Steller. Geological Survey of Canada, Paper 89-8, 1989, pages 108-114, XP001014535
	D9	Passey et al., US Patent Application Publication 2001/0049342 A1, December 6, 2001. Tar and Pitch, G. Collin and H. Hoeke. Ullmann's Encyclopedia of Industrial Chemistry, Vol. A 26, 1995, p. 91-127.
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FILING DATE: April 24, 2001

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<u>ගා</u>	El	3,181,613	May-1965	Krueger		7	
	E2	3,922,148	Nov-1975	Child			
	E3	3,924,680	Dec-1975	Terry		_	
	E4	5,020,596	Jun-1991	Hemsath		HEC	EIVED
	E5	5,229,102	Jul-1993	Minet et al.		JUN	0 6 2002
	E6	5,316,664	May-1994	Gregoli et al.		SDO	2002
	E7	5,366,012	Nov-1994	Lohbeck		unu	45 3600
	E8	5,541,517	Jul-1996	Hartmann et al.			
	E9	5,861,137	Jan-1999	Edlund			
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	E12	Cortez et al., UK Patent Applic	cation GB 2,068,0	14 A, Date of Publication	: August 5, 1	981.	
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APPLICANT: de Rouffignac et al.

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FILING DATE: April 24, 2001

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	G4 Department of Energy Coal Sample Bank and Database http://www.energy.psu.edu/arg/doesb.htm , June 4, 2002.						htm, June 4, 2002.

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FILING DATE: April 24, 2001

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0	G5	3,766,982	Oct-1973	Justheim	•	

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ATTY. DKT. NO. 5659-06500/TH1990

APPLICANT: de Rouffignac et al.

GROUP: 3673

SERIAL NO. 09/841,493

FILING DATE: April 24, 2001

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	G7	3,599,714	Aug-71	Messman et al.			
	G8	4,043,393	Aug-77	Fisher et al.	/		
		OTHER ART (In	cluding Au	thor, Title, Date, Per	tinent Pages,	Etc.)	

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0	_	G9	Hyne, Norman J. Geology for Petroleum Exploration, Drilling, and Production. McGraw-Hill Book Company, 1984, p. 264.
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Para 1 of 1

Information Disclosure Statement DTO 1440 (modified)

ATTY. DKT. NO. 5659-06500/7 SERIAL NO. 09/841,493 Form PTO-1449 (modified) List of Patents and Publications OCT 0 7 2002 For Applicant's Information APPLICANT: de Rouffignac et al. GROUP: 3673 Disclosure Statement (Use several sheets if necessary) FILING DATE: April 24, 2001 **U.S. PATENT DOCUMENTS** DOCUMENT NUMBER CLASS EXAM. REF. DATE NAME APPROPRIATE INITIALS DES. H1. 4,093,025 June 78 Terry 19 H3 4,895,206 Jan-90 Price J1 326,439 Sep-1885 McEachen J2 1,681,523 Feb-1928 Downey et. al. Jun-1941 J3 2,244,256 Looman J4 2,714,930 Aug-1955 Carpenter J5 Dec-1970 Gill 3,547,193 **J6** 3,562,401 Feb-1971 Long J7 4,089,374 May-1978 Terry J8 Dec-1983 Varney, Sr. 4,423,311 J9 4,489,782 Dec-1984 **Perkins** J10 4,626,665 Dec-1986 Fort, III J11 4,694,907 Sep-1987 Stahl et. al. J12 Jan-1993 Goncalves 5,182,792 J13 5,402,847 Apr-1995 Wilson et. al. J14 5,491,969 Feb-1996 Cohn et. al. J15 5,621,844 Apr-1997 **Bridges** J16 6,244,338 Jun-2001 Mones -J17 6,389,814 May-2002 Viteri et al. J18 6,412,559 Jul-2002 Gunter et al. J20 3,680,633 Aug-1972 Bennett J21 4,508,170 Apr-1985 Littman FOREIGN PATENT DOCUMENTS EXAM. REF. **TRANSLATION** SUB DOCUMENT NUMBER DATE **CLASS COUNTRY** INITIALS DES. **CLASS** YES/NO 97/01017 J19 Jan-1997 WO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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